

## A TOOL CHUCK HAVING A LIGHT TRANSMITTING CAPABILITY

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### Abstract of the Disclosure

2        A preferred embodiment of the invention comprises a tool chuck for a  
3 power hand tool of the type which has a generally cylindrical elongated housing  
4 with a motor contained within the housing or case and the motor having an output  
5 shaft that extends from the nose end of the hand tool, and which has one or more  
6 light producing devices located at its nose end for illuminating the work area  
7 during operation. The preferred embodiment of the tool chuck has an annular  
8 cylindrical light transmitting portion on the outside of the chuck body portion for  
9 transmitting light toward a tool bit held by the tool chuck. The preferred  
10 embodiment may have an inwardly oriented front end surface to direct the  
11 transmitted light toward the axis of the tool bit and may have an outer layer of  
12 resilient material to facilitate easy gripping of the tool chuck to tighten or loosen a  
13 tool bit.

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